Claims

- Process for the condensation of oligo- and/or (co-)polyamides, characterized in that as additive at least one compound with at least two carbonate units is employed.
- Process according to claim 1, characterized in that the additive further comprises oligo- or polyamide, oligo- or polyester, oligo- or polyether, oligoor polyetheresteramide or oligo- or polyesteramide units.
- 3. Process according to claim 1 or 2, characterized in that the additive has a melt index of from 20 to 300.
- 4. Process according to at least one of the preceding claims, characterized in that the additive is a block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycorbonate block.
- 5. Process according to claim 4, characterized in that the block B is selected among oligo- or polyamide blocks, oligo- or polyester blocks, oligo- or polyether blocks, oligo- or polyetheresteramide blocks, oligo- or polyesteramide blocks or mixtures or (block-) copolymers thereof.
- 6. Use of at least one compound with at least two carbonate units as additive for the condensation of oligo- and/or (co-)polyamides.
- 7. Use according to claim 6, characterized in that the compound further comprises oligo- or polyamide, oligo- or polyester, oligo or polyether, oligo- or polyetheresteramide or oligo- or polyesteramide units.
- 8. Use according to claim 6 or 7, characterized in that the compound has a melt index of from 20 to 300.
- 9. Use according to at least one of claims 6 to 8, characterized in that the compound is a block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycorbonate block.
- 10. Use according to claim 9, characterized in that the block B is selected among oligo- or polyamide blocks, oligo- or polyester blocks, oligo- or polyether blocks, oligo- or polyetheresteramide blocks, oligo- or polyesteramide blocks or mixtures or (block-) copolymers thereof.

11. Use of at least one block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycorbonate block, for the compatibilisation of polymers of type A and type B.

12.

Additive for the condensation of oligo- and/or (co-)polyamides, comprising at least one structural element of formula (I):

-- P-L-CE1-CE2- (I)

wherein P represents an oligo- or polyamide block, an oligo- or polyester block, an oligo- or polyether block, an oligo- or polyetheresteramide block, or an oligo- or polyesteramide block, CE¹ and CE² represent carbonate units, which may be the same or different, and L represents a linking group, selected among divalent groups and a single bond.

- 13. Additive according to claim 12, characterized in that L represents -COO-.
- 14. Additive according to claim 12 or 13, characterized in that it further comprises an oligo- or polycarbonate block, linked with the structural element via CE².
- 15. Additive according to claim 12 or 13, characterized in that P represents an oligo- or polyamide block.
- Additive according to claim 12, obtainable by reactive extrusion of a polycarbonate with a COOH-terminated polyamide.
- 17. Use of the additve according to at least one of claims 12 to 16 for the compatibilisation of blends of polyamide and polycarbonate.